

App #: 10-765948

**EAST SEARCH HISTORY****Databases:** US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

Ref#	Hits	Search Text
S1	1	10/765948
S2	24	apodized pupil
S3	20	((("5,500,736") or ("5,523,193") or ("5,530,482") or ("5,579,147") or ("5,677,703") or ("5,808,797") or ("5,982,553") or ("6,133,986") or ("6,177,980") or ("6,687,041"))).PN.
S5	88	(mirrors or pixels) and (slm or dmd or lcd or glv) and light and apodiz\$6 and calibrat\$6
S4	2	("5523193"   "5672464").PN.
S6	28	S5 and @pd<"20040129"
S7	1896	(mirrors or pixels) and (slm or dmd or lcd or glv) and light and calibrat\$6 and @pd<"20040129"
S8	383	(mirrors or pixels) and (slm or dmd or lcd or glv) and light and calibrat\$6 and @pd<"20040129" and reflect\$3 and image and voltage and ccd
S9	0	(mirrors or pixels) and (slm or dmd or lcd or glv) and light and calibrat\$6 and @pd<"20040129" and reflect\$3 and image and voltage and ccd and angle and (pixel and calibrat\$6 and voltage).clm.
S22	31	dlp and calibrat\$5 and (mirrors or pixels) and slm and light
S25	81	(calibrat\$6 and (slm or "light modulator")).clm.
S10	322	(mirrors or pixels) and (slm or dmd or lcd or glv) and light and calibrat\$6 and @pd<"20040129" and reflect\$3 and image and voltage and ccd and angle
S32	11	("4476465"   "5042950"   "5123085"   "5504504"   "6072500"   "6169282"   "6261728"   "6285488"   "6356340"   "6399261"   "6428940").PN.
S11	80	(mirrors or pixels) and (slm) and light and calibrat\$6 and @pd<"20040129" and reflect\$3 and image and voltage and ccd and angle
S12	6	("4430571"   "4467211"   "5296891"   "5847959"   "5849436"   "6060224").PN.
S14	2	("0610183").PN.
S15	2	0610183 and kuck
S16	2	("5486851").PN.
S21	10	(S19 or S20) and calibrat\$5
S13	4	("5539568"   "5661591"   "5835256"   "6195196").PN.
S17	4	("9309469").PN.
S19	6	("4430571"   "4467211"   "5296891"   "5847959"   "5849436"   "6060224").PN.
S20	32	("4793699"   "5539567"   "5539568"   "5631782"   "5691541"   "5796508"   "5877844").PN. OR ("6060224").URPN.
S18	2	("5,148,157").PN.
S23	10	S22 and apodiz\$6
S24	217	dlp and calibrat\$5 and (mirrors or pixels) and reflect\$4 and light
S27	46	S26 and (angle or tilt)
S28	14	(calibrat\$6 and (slm or "light modulator")).ti.
S29	11	S28 and (mirrors or pixels) and reflect\$5 and light
S26	68	S25 and (mirrors or pixels) and light
S30	6	("20030137655"   "5042950"   "6057913"   "6674519").PN. OR ("6847461").URPN.
S33	16	S31 and (mirrors or pixels) and light and reflect\$5

S31	27	("4476465"   "4879605"   "4908780"   "5042950"   "5103101"   "5123085"   "5148157"   "5278949"   "5323002"   "5495279"   "5504504"   "5533170"   "5594854"   "5673376"   "5684510"   "5842088"   "5872902"   "6072500"   "6169282"   "6188427"   "6201545"   "6261728"   "6285488"   "6356340"   "6399261"   "6428940"   "6618185").PN.
S34	4	(mirrors or pixels) and slm and light and calibrat\$6 and ("semi circular" or "semicircular")
S35	55	Micromirror Spatial Light Modulator
S36	0	Micromirror Spatial Light Modulator and pistonning.ti.
S38	2	S37 and lobe
S39	2	(mirrors or pixels) and slm and light and ("semi annular" or "semiannular")
S37	24	(mirrors or pixels) and slm and light and ("semi circular" or "semicircular" or "semi annular" or "semiannular")
S40	34	zero order lobe
S41	10	S40 and slm
S42	407	light intensity and shift and (pixels or mirrors) and slm
S43	343	S42 and (tilt\$3 or angle)
S44	153	S43 and @pd<"20040129"
S63	71	(LATYPOV adj AZAT) or (POULTNEY adj SHERMAN)
S64	374	asml holding.asnm.
S65	410	S64 or S63
S46	7	S40 and (ring or annular)
S45	66	S44 and (ring or annular)
S47	6	(CCD adj2 cell) and slm and light
S48	19	((CCD adj2 cell) near (pixel or mirror)) and light
S53	8	(shear\$3 adj grat\$4) and slm and light and (mirrors or pixels)
S49	8	pistonning.ti.
S50	0	Micromirror Spatial Light Modulator and positioning.ti.
S51	2	Micromirror Spatial Light Modulator.ti.
S52	8	("2830866"   "5170269"   "5450157"   "5661540"   "5661592"   "5841579"   "H001525").PN.
S54	1355	(grat\$4) and slm and light and (mirrors or pixels)
S55	1257	(grating) and slm and light and (mirrors or pixels)
S57	10	apodization pattern and phase and lobe
S58	14	apodization pattern and lobe
S60	1	S59 and slm
S61	3	S59 not S58
S56	36	apodization pattern
S59	17	(pattern near apodiz\$6) and lobe
S62	19	("3339997"   "3946982"   "4666249"   "4672021"   "4702574"   "4849323"   "4889795"   "4994080"   "5089024"   "5108169"   "5172143"   "5260727"   "5296305"   "5302978"   "5414477"   "5516467"   "5643249"   "5662706").PN.
S66	1	S65 and (voltage and pupil and reflect\$4 and calibrat\$4).clm.
S67	1	S65 and (voltage and reflect\$4 and calibrat\$4).clm.
S68	26	((("5,500,736") or ("5,523,193") or ("5,530,482") or ("5,579,147") or ("5,677,703") or ("5,808,797") or ("5,982,553") or ("6,133,986") or ("6,177,980") or ("6,687,041") or ("1482375"))).PN. or ((8/38597) or (98/33096)).CCLS.
S69	309	(382/117).CCLS.
S76	2	("7088468").PN.
S71	4	S70 and (apodiz\$6 or pupil)
S81	55	(LATYPOV adj AZAT) or (POULTNEY adj SHERMAN)
S85	2	S83 and (calibrat\$5 and (pupil or apodiz\$6)).clm.
S83	395	S81-or S82
S82	375	asml holding.asnm.
S84	1	S83 and (calibrat\$5 and (pupil or apodiz\$6) and voltage).clm.

S79	23	(US-20040130561-\$ or US-20040041104-\$ or US-20030081303-\$).did. or (US-5530482-\$ or US-6177980-\$ or US-5523193-\$ or US-5579147-\$ or US-5982553-\$ or US-5808797-\$ or US-6133986-\$ or US-5500736-\$ or US-6687041-\$ or US-5677703-\$ or US-7088468-\$ or US-5296891-\$ or US-6811953-\$ or US-6806897-\$ or US-6795169-\$ or US-5229872-\$ or US-6847461-\$ or US-6747783-\$).did. or (EP-1482375-\$ or WO-9833096-\$).did.
S80	4	S79 and calibrat\$5 and (apodiz\$6 or pupil)
S78	27	((("6,747,783") or ("6,795,169") or ("6,806,897") or ("6,811,953") or ("20040041104") or ("20040130561") or ("5,229,872") or ("5,296,891") or ("20030081303") or ("6,847,461"))).PN.
S77	2	("9833096").PN.
S74	0	(98/38597).CCLS.
S72	2	S71 and calibrat\$5
S73	6	("1482375").PN.
S70	11	(US-5530482-\$ or US-6177980-\$ or US-5523193-\$ or US-5579147-\$ or US-5982553-\$ or US-5808797-\$ or US-6133986-\$ or US-5500736-\$ or US-6687041-\$ or US-5677703-\$).did. or (EP-1482375-\$).did.
S75	2	("9838597").PN.

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## **GOOGLE SCHOLAR SEARCH**

slm calibration image camera reflect mirror light  
slm calibration calibrate image camera mirror light -patent  
diffraction slm mirrors image calibration lobe  
slm calibration  
semicircular slm lobe  
diffraction slm mirrors image  
slm calibration calibrate image camera mirror "light intensity" -patent  
diffraction slm mirrors image calibrate error calibration -patent  
diffraction slm mirrors image calibrate calibration -patent  
diffraction slm mirrors image calibrate calibration -patent  
slm calibration pixels  
slm calibration mirrors  
diffraction slm mirrors image calibration